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Subject: Sed Trap Design limitation/uses bullets

Hi Davis and Sean.

Eric helped prepare this statement on the Sediment Traps and their design.

This statement allows the Pre-RD Group to proceed with construction and installation of the sediment traps, but provides EPA's position for the record on the use of these traps for future data evaluation and conclusions. Feel free to pass on to the experts we discuss this with last week if you would like their review and input before sending to Ken Tyrell (AECOM).

Ken.

After additional review and technical discussion, EPA approves the modified sediment trap design provided by the Pre-RD Group, but has the following statement about its limitations:

- Due to uncertainty regarding the capture of suspended sediments by the sediment trap, the sediment trap data is not suitable for developing quantitative sediment loading estimates.

Despite this limitation, the sediment trap data is useful for developing estimates of suspended sediment contaminant concentrations over the deployment period and should be used in conjunction with other lines of evidence such as particulate contaminant concentrations generated through the surface water sampling program. These data may be used as part of any hydrodynamic and/or sediment transport modeling as an estimate of incoming particle concentrations.

Regards,
Davis Zhen